

65 through Col. 40, line 3. With the exception of minor changes in the nomenclature of the various flap structures, the brief introduction to Example 4, the incorporation of the numbered citations directly into the body of the text and the inclusion of FIG. references to illustrate the various DNA complexes described, the amendatory material consists of the same material incorporated by reference. Accordingly, the amendatory material does not constitute new matter, and entry is proper.

For the convenience of the Examiner, a copy of the incorporated reference is enclosed herewith as Exhibit B. The material incorporated from the reference corresponds to the Amendment as follows:

Harrington & Lieber Reference	Amendment
FIG. 1, top structure; FIG. 1 legend, lines 5-6 (oligos SC1/SC3/SC5); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 8
FIG. 4, 5'-Flap Structure 0 nt gap (lower left); FIG. 4 legend, lines 9-10 (oligos AI4/HJ46/HJ47); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9A
FIG. 4, 5'-Flap Structure 1 nt gap (lower second from left); FIG. 1 legend, line 10 (oligos AI4/HJ46/HJ73); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9B
FIG. 4, 5'-Flap Structure 3 nt gap (lower middle); FIG. 4 legend, lines 10 (oligos AI4/HJ46/HJ73); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9C
FIG. 4, 5'-Flap Structure 5 nt gap (lower second from right); FIG. 4 legend, lines 11-12 (oligos AI4/HJ46/HJ75); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9D
FIG. 3, Pseudo Y-structure (bottom middle); FIG. 3 legend, line 6 (oligos AI4/HJ46); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 10

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Harrington & Lieber Reference	Amendment
FIG. 5 Panel A, Double Flap #1 (middle, second from right); FIG. 5 legend, line 12 (oligos AI4/HJ46/HJ77); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 11
FIG. 5 Panel A, Double Flap #2 (middle right); FIG. 5 legend, line 13 (oligos AI4/HJ46/HJ78); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 12
FIG. 1	New FIG. 13
FIG. 2	New FIG. 14
FIG. 3	New FIG. 15
FIG. 4	New FIG. 16
FIG. 5	New FIG. 17
FIG. 6	New FIG. 18
FIG. 1, top structure; FIG. 1 legend, lines 5-6 (oligos SC1/SC3/SC5); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 8 Description
FIG. 4, 5'-Flap Structure 0 nt gap (lower left); FIG. 4 legend, lines 9-10 (oligos AI4/HJ46/HJ47); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9A Description
FIG. 4, 5'-Flap Structure 1 nt gap (lower second from left); FIG. 1 legend, line 10 (oligos AI4/HJ46/HJ73); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9B Description
FIG. 4, 5'-Flap Structure 3 nt gap (lower middle); FIG. 4 legend, lines 10 (oligos AI4/HJ46/HJ73); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9C Description

Harrington & Lieber Reference	Amendment
FIG. 4, 5'-Flap Structure 5 nt gap (lower second from right); FIG. 4 legend, lines 11-12 (oligos AI4/HJ46/HJ75); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 9D Description
FIG. 3, Pseudo Y-structure (bottom middle); FIG. 3 legend, line 6 (oligos AI4/HJ46); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 10 Description
FIG. 5 Panel A, Double Flap #1 (middle, second from right); FIG. 5 legend, line 12 (oligos AI4/HJ46/HJ77); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 11 Description
FIG. 5 Panel A, Double Flap #2 (middle right); FIG. 5 legend, line 13 (oligos AI4/HJ46/HJ78); sequences of oligos at paragraph bridging pages 4503 and 4504	New FIG. 12 Description
FIG. 1 legend	New FIG. 13 Description
FIG. 2 legend	New FIG. 14 Description
FIG. 3 legend	New FIG. 15 Description
FIG. 4 legend	New FIG. 16 Description
FIG. 5 legend	New FIG. 17 Description
FIG. 6 legend	New FIG. 18 Description
Text beginning at page 4503 "Experimental Procedures" and ending at page 4507, just prior to "Discussion"	Example 4

THE AMENDMENTS OF THE CLAIMS

With this Amendment, Claims 7-73 have been newly added. New Claims 7-73 recite various compositions, methods and kits disclosed in the application. The new claims are fully supported by the specification and claims as originally filed, and therefore do not

constitute new matter. Specific support for each claim is indicated in the following table (where H&L designates Harrington & Lieber, 1995, *supra*):

Claim	Support: Col. (Lines)
7	11(3-41); 39(65)-40(18); 46(63)-43(36); H&L FIG. 5
8, 9, 21, 34-36	11(13-17); 43(5-12)
10-13, 36-30, 43-47, 69-73	FIGS. 1-5; 13(19-30)
14, 15, 31, 32, 48, 49, 56, 57, 62, 63	H&L FIG. 5; H&L pp. 4506, Col. 2, lines 3-20
16, 33, 50, 58, 64, 68	19(21-36); FIG. 6
17-19, 22-24, 40-42, 52-54, 60, 65-67	11(24-27); 43(20-22)
20, 25, 38, 55	11(27-28); 43(22-23)
37, 61	41(19-31)
39	H&L pp. 4504, Col. 2, lines 5-17 and 27-39
51	H&L FIG. 5; H&L pp. 4506, Col. 2, lines 3-20
59	43(39-53)

CONCLUSION

Claims 1-73 satisfy all the criteria for patentability and are in condition for allowance. An early indication of the same and passage of Claims 1-73 to issuance is therefore kindly requested.

No fee is believed due in connection with this Preliminary Amendment. However, if it is determined that a fee is due, please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Respectfully submitted,

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Enclosures

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